

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| S1 | 2734 | (transmit\$4 same bit adj stream) same network | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:24 |
| S2 | 356408 | (receiver and transmitter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:25 |
| S3 | 1396 | S1 and S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:25 |
| S4 | 1396 | S3 and network\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:25 |
| S5 | 774 | (cod\$4 and generat\$4) near4 act | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:26 |
| S6 | 2 | S4 and S5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:26 |
| S7 | 0 | S6 and protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:39 |
| S8 | 7905 | (cod\$4 and generat\$4) near4 act\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:40 |
| S9 | 24 | S4 and S8 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:40 |
| S10 | 18 | S9 and protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:40 |

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|-----|------|---|---|----|----|------------------|
| S11 | 0 | S9 and protect\$4 same bit near4 stream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:41 |
| S12 | 17 | S9 and protect\$4 same bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:41 |
| S13 | 17 | S12 and bit near3 stream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:41 |
| S14 | 0 | S13 and error near4 protection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:42 |
| S15 | 2 | S13 and error near4 protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:42 |
| S16 | 7650 | (error near4 protection) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:46 |
| S17 | 0 | S6 and protection near4 (bit or block or packet or stream) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:47 |
| S18 | 3437 | S16 and protection near4 (bit or block or packet or stream or data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:47 |
| S19 | 3413 | S16 and protection near4 (bit or block or packet or stream or data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:48 |
| S20 | 935 | S19 and channel near4 cod\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:48 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S21 | 2 | S20 and generat\$4 same hint near4 track | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 16:49 |
| S22 | 0 | (communication and receiver and transmitter and receiver and error adj protection and bit and stream and coding and hint and track) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:12 |
| S23 | 0 | (communication and receiver and transmitter and receiver and error adj protection and bit and coding and hint and track) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:13 |
| S24 | 0 | (communication and receiver and transmitter and receiver and error adj protection and bit and coding and hint and track\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:13 |
| S25 | 140 | (communication and receiver and transmitter and receiver and error and protection and bit and coding and hint and track\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:14 |
| S26 | 140 | S25 and hint | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:14 |
| S27 | 140 | S26 and track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:14 |
| S28 | 3 | S27 and error near4 protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:15 |
| S29 | 888 | (error and protection).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:18 |
| S30 | 221 | S29 and protection same bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:19 |

EAST Search History

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|-----|------|--|---|------|----|------------------|
| S31 | 0 | S30 and hint near4 track | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:19 |
| S32 | 1 | hint near4 track\$4 same error near4 protection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:24 |
| S33 | 1 | hint same track\$4 same error near4 protection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:24 |
| S34 | 191 | track\$4 same error near4 protection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:25 |
| S35 | 2 | S30 and S34 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 17:25 |
| S36 | 2582 | (error protection system comprising producing protection stream bit stream channel coding technique) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 17:41 |
| S37 | 2 | (generating hint track) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | NEAR | ON | 2008/06/13 17:42 |
| S38 | 2907 | (generating hint track) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 17:42 |
| S39 | 228 | S36 and S38 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 17:42 |
| S40 | 17 | S39 and (communication and receiver and transmitter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 17:43 |

EAST Search History

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|-----|------|--|---|-----|----|------------------|
| S41 | 7650 | (error near4 protection) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 18:20 |
| S42 | 2923 | S41 and communication near4 system | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 18:20 |
| S43 | 1693 | S42 and (transmitter and receiver) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 18:21 |
| S44 | 1693 | S43 and (transmit\$4 and receiv\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 18:22 |
| S45 | 470 | S44 and protect\$6 same (bit and stream) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 18:23 |
| S46 | 222 | S45 and channel near5 cod\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 18:23 |
| S47 | 69 | S46 and track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 18:23 |
| S48 | 0 | S47 and hint\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/06/13 18:23 |
| S49 | 69 | S47 and error same protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 18:24 |
| S50 | 69 | S49 and protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 18:24 |

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| S51 | 69 | S50 and code | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 18:25 |
| S52 | 69 | S51 and error near4 protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 18:25 |
| S53 | 69 | S52 and protect\$4 same bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 18:26 |
| S54 | 0 | S53 and hint\$4 same protection near4 bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 18:27 |
| S55 | 22 | hint\$4 same protection near4 bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 18:27 |
| S56 | 1 | S55 and "714"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 18:28 |
| S57 | 0 | (error and protection and syster).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:35 |
| S58 | 238 | (error and protection and system).ti. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:36 |
| S59 | 74 | S58 and protection near5 (bit or block or packet) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:41 |
| S60 | 28 | S59 and channel same cod\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:41 |

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| S61 | 0 | S60 and hint near4 track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:43 |
| S62 | 0 | S60 and hint\$4. near4 track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:43 |
| S63 | 0 | S60 and hint\$4 same track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:44 |
| S64 | 1 | S60 and track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:44 |
| S65 | 1 | S64 and stream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:54 |
| S66 | 1 | S65 and coding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:55 |
| S67 | 1 | S66 and track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 21:55 |
| S68 | 0 | S58 and hint near4 track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:00 |
| S69 | 0 | S58 and hint\$4 near4 track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:00 |
| S70 | 0 | S58 and hint\$4 same track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:00 |

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| S71 | 75839 | "714"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:01 |
| S72 | 7 | S71 and hint near4 track | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:01 |
| S73 | 1773 | (error and protection and system).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:05 |
| S74 | 1 | S73 and hint near4 track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:05 |
| S75 | 1884 | S58 or S73 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:06 |
| S76 | 764 | S75 and error near4 protection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:06 |
| S77 | 1 | S76 and hint\$4 same track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:07 |
| S78 | 3 | S76 and hint\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:07 |
| S79 | 111 | hint near4 track | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:09 |
| S80 | 1758231 | S79 and error neaqr4 detection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:09 |

EAST Search History

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| S81 | 6 | S79 and error near4 detection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:09 |
| S82 | 8 | S71 and hint\$4 near4 track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:20 |
| S83 | 0 | "11554812".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:25 |
| S84 | 0 | "11554812" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:26 |
| S85 | 0 | EP11554812 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 22:30 |
| S86 | 4 | S58 and (channel near4 coding) same protection near4 bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 23:38 |
| S87 | 0 | S86 and hint | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/13 23:53 |
| S88 | 129 | hint\$4 near4 track\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 12:48 |
| S89 | 37 | S88 and ("714"/\$.ccls. ot error near4 detection or error near3 correction or error near4 protect\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 12:48 |
| S90 | 19 | S89 and (protect\$4 same (bit or data or block or packet or stream)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 13:04 |

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|----------|--------|---|---|----|----|------------------|
| S91 | 19 | S89 and protect\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 13:25 |
| S92 | 34 | S88 and ("714"/\$.ccls. or error near4 detection or error near3 correction or error near4 protect\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 13:28 |
| S93 | 11 | S92 and protection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 13:29 |
| S94 | 39 | S88 and (protect\$4 same (bit or data or block or packet or stream)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 13:38 |
| S95 | 24 | S94 and error | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 13:39 |
| S96 | 20 | "4747104" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 13:52 |
| S97 | 2 | "4747104".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/14 13:53 |
| S98 | 2 | "6829648".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 06:33 |
| S99 | 0 | S98 and transmitter and receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 06:48 |
| S10 0 | 108099 | transmit\$4 same receiver same transmit\$4 near4 (bit adj stream or bit near4 data or data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 06:53 |

EAST Search History

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|----------|-----|--|---|----|----|------------------|
| S10 1 | 644 | S100 and protection near4 bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 06:54 |
| S10 2 | 147 | S101 and "714"/\$.cls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 06:54 |
| S10 3 | 55 | S102 and channel near4 cod\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 06:55 |
| S10 4 | 31 | S103 and channel near4 coding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 07:04 |
| S10 5 | 0 | S103 and (receiver and transmiotter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 07:04 |
| S10 6 | 48 | S103 and (receiver and transmitter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 07:04 |
| S10 7 | 27 | S104 and (receiver and transmitter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 07:04 |
| S10 8 | 34 | S100 and protection near4 bit same channel near4 coding | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/15 07:16 |
| S10 9 | 2 | "20020016944".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 23:37 |
| S11 0 | 2 | S109 and error near4 protection | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 23:41 |

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|----------|---|-------------------------------|---|----|----|------------------|
| S11 1 | 2 | S110 and protect\$4 same bit | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 23:41 |
| S11 2 | 1 | S111 and channel near4 cod\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 23:42 |
| S11 3 | 2 | "6,829,648".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 23:58 |
| S11 4 | 1 | S113 and hint | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 23:58 |
| S11 5 | 1 | S114 and stor\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/06/18 23:58 |